

09669/004001 # 3

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/889,524

INTERNATIONAL APPLICATION NO.

PCT/FR00/00099

INTERNATIONAL FILING DATE

18 January 2000

PRIORITY DATE CLAIMED

18 January 1999

TITLE OF INVENTION

METHOD FOR SECURE DOWNLOADING OF DATA BETWEEN SECURITY UNITS

APPLICANT(S) FOR DO/EO/US

Dan BUTNARU and Raphaël ROSSET

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ Certificate of Mailing by Express Mail
20. ☒ Other items or information:

Certificate of First Class Mail (1 pg)

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U.S. APPLICATION NO. (IF KNOWN, 37 CFR 1.53) 09/889,524	INTERNATIONAL APPLICATION NO. PCT/FR00/00099	ATTORNEY'S DOCKET NUMBER 09669/004001
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21. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :				CALCULATIONS PTO USE ONLY												
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO		\$970.00														
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO		\$840.00														
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO		\$690.00														
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)		\$670.00														
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)		\$96.00														
ENTER APPROPRIATE BASIC FEE AMOUNT =			\$0.00													
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).			\$0.00													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>22 - 20 =</td> <td>2</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$78.00</td> </tr> </tbody> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	22 - 20 =	2	x \$18.00	Independent claims	1 - 3 =	0	x \$78.00			\$36.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE													
Total claims	22 - 20 =	2	x \$18.00													
Independent claims	1 - 3 =	0	x \$78.00													
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>			\$0.00													
TOTAL OF ABOVE CALCULATIONS =			\$36.00													
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/>			\$0.00													
SUBTOTAL =			\$36.00													
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			\$0.00													
TOTAL NATIONAL FEE =			\$36.00													
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>			\$0.00													
TOTAL FEES ENCLOSED =			\$36.00													
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Amount to be refunded</td> <td style="width: 20%;">\$</td> </tr> <tr> <td>charged</td> <td>\$</td> </tr> </table>		Amount to be refunded	\$	charged	\$								
Amount to be refunded	\$															
charged	\$															

☒ A check in the amount of **\$36.00** to cover the above fees is enclosed.

☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.


☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **500-591** A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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 SIGNATURE
 Jonathan P. Osha
 NAME
 33,986
 REGISTRATION NUMBER
 8801
 DATE

Rec'd PCT/PTO 13 AUG 2001

09-889,524

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): **Dan BUTNARU et al.**

Docket No.

09669/004001

Serial No.

09/889,524

Filing Date

July 18, 2001

Examiner

Group Art Unit

Invention:

METHOD FOR SECURE DOWNLOADING DATA BETWEEN SECURITY UNITS

I hereby certify that this **Preliminary Amendment**

(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Assistant Commissioner for Patents, Washington, D.C. 20231 on

August 8, 2001

(Date)

Rhonda L. Parker

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

Note: Each paper must have its own certificate of mailing.

Rec'd PCT/STO 13 AUG 2001

PATENT
ATTORNEY DOCKET NO. 09669.004001

09/889524

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9-803
M.L.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dan BUTNARU et al.

Serial No.: 09/889524

Filed : July 18, 2001

Title : METHOD FOR SECURE DOWNLOADING DATA BETWEEN SECURITY
UNITS

Art Unit :

Examiner :

Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Dear Sir:

Before examining the referenced application on the merits, please ~~amend~~ the application as outlined below:

IN THE CLAIMS

Please ~~amend~~ the claims as outlined below. A marked-up version of the claims, illustrating the changes, is attached as Appendix A.

Please ~~cancel~~ claim 1.

Please ~~add~~ the following claims:

- 20. (New) A method for customizing a set of several second security units, comprising:
- secure downloading of an application key from a first security unit of a central processing unit to said set of second security units, said first unit and second units each comprising at least one memory, wherein the method further comprises for each second unit in said set:
 - on each downloading, computing an operation key in the first unit based on information specific to the second unit, a transport key, and a diversification algorithm, said transport key residing within the memory of the first security unit, said memory being non volatile;
 - encrypting the application key in the first unit based on information comprising said operation key and an encryption algorithm;